

ABSTRACT

Metadata for splicing of an encoded digital motion video stream (such as an MPEG Transport Stream) is prepared in real time while recording at the encoding bit rate and faster than encoded bit rate for off line encoding independent of the bit rate and mechanisms for ingestion of the data stream into data storage. Preprocessing is performed during a metered file transfer protocol (FTP) and includes pseudo real-time encoding. The preprocessing includes Group of Pictures (GOP) level pre-processing of splicing In Points and results in an intimate linkage between metadata and the file system in which the video data is stored. The preferred file system enables access to metadata in parallel to writing the data on disk. The pre-processing is performed simultaneous to writing the data to the disk using a carousel type buffer mechanism.

001220-90204560